

**Friday February 21, 2025**

**7pm**

**License Testing 5:30pm**

<b>Officers and Appointees</b>	<b>2</b>
<b>Suggestion Box</b>	<b>2</b>
<b>President's Message</b>	<b>3</b>
<b>World Radio Day</b>	<b>5</b>
<b>2025 Club Budget</b>	<b>6</b>
<b>Membership Renewal</b>	<b>7</b>
<b>Public Service</b>	<b>8</b>
<b>New Members</b>	<b>8</b>
<b>Winter Field Day Report</b>	<b>10</b>
<b>Hacks and Hints</b>	<b>11</b>
<b>New Amateur Radio Bill</b>	<b>12</b>
<b>ARRL E-mail Scam Alert</b>	<b>13</b>
<b>Repeater Net for Vets</b>	<b>14</b>
<b>Meeting Minutes</b>	<b>15</b>
<b>Radio Equipment for Sale</b>	<b>20</b>
<b>DATV Receivers for Sale</b>	<b>20</b>
<b>Loomis Hamfest</b>	<b>21</b>
<b>Ham Radio Outlet</b>	<b>22</b>
<b>Repeaters/Nets/Calendar</b>	<b>23</b>

## BLACK HISTORY MONTH



**Actor and U.S. Army  
veteran Stu Gilliam, KI6M  
1933 - 2013**

## THIS MONTH...



## Presented by John Trinterud, K9ONR

*John Trinterud, K9ONR, was first licensed in 2012 as KJ6PAP and has over 50 years experience in telecommunications and computer networking.*



*Our in-person meeting will also be held virtually, via the Zoom video system. The meeting access ID and password will be distributed via groups.io email announcement.*



We have many accomplished and experienced club members. After all, we are an ARRL Special Service Club! The club is looking for amateur radio or communications topics that you or someone you know could present at a future club meeting.

An alternative might be several short presentations on different topics made by multiple persons.

Please direct your suggestions to [info@mdarc.org](mailto:info@mdarc.org).

Your contribution is vital for the continued success of MDARC. We are eager to hear from you!

**ALL MEMBERS ARE INVITED TO JOIN THE FREE CLUB E-MAIL GROUP AT:**

<https://groups.io/g/MDARC>

**Mount Diablo Amateur Radio Club W6CX**  
**P.O. Box 23222 Pleasant Hill, CA 94523**  
**(925) 288-1730 [info@mdarc.org](mailto:info@mdarc.org)**

*The Carrier* is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and provided space is available.

**President** - Larry Bradley, KK6QPE  
**Vice President** - Michael Papp, WB6GJE  
**Secretary** - Brian Lotter, KM6NGS  
**Treasurer** - Barbara Whysong, K6WHY  
**Emergency Coordinator** - Larry Loomer, KI6LNB

**Directors At Large**  
 Trevor Hall, WA6JAU      Cal Vasquez, K6VT  
 Mark Fehlig WA6NGC      Mike Warren, W6MEW

**Membership Chair** - Jan Kulisek, KM6NFC  
[mdarcmembership@mdarc.org](mailto:mdarcmembership@mdarc.org)

## **PACIFICON 2024**

**Chair:** Julie Mah, WJ8MAH  
**Registration:** Jim Marchetti, KD7G  
**Treasurer:** Barbara Whysong, K6WHY  
**Secretary:** Jeff Mah, N8MAH

## **COMMITTEE CHAIRS AND COORDINATORS**

**Annual Auction** - **vacant**  
**Communications Trailer** - Mike Warren, W6MEW  
**Communications Van MDARC-1** - Jim Tittle, K6SOE  
**Digital Media** - Grant Bowman, K6CBK  
**Education & Training** - **vacant**  
**Field Day** - Larry Loomer, KI6LNB  
**Good & Welfare** - Diana Sage, KA6TZU  
**Holiday Dinner** - Misa Siemons, KJ6BUE  
**License Testing** - Larry Loomer, KI6LNB  
**Outreach** - Dick Wade, WM6G  
**Programs** - Michael Papp, WB6GJE  
**Public Service** - Larry Loomer, KI6LNB  
**Radio Equipment Lending** - Cal Vasquez, K6VT  
**Refreshments** - Elizabeth Styles, KG6HLV  
**Scholarship** - Janice Fujii, KG6VTD  
**Technical Committee** - Jim Tittle, K6SOE  
**Volunteer Classes** - Dick Wade, WM6G  
**W6CX Repeater Trustee** - Jim Tittle, K6SOE  
**W6LGW Callsign Trustee** - Larry Loomer, KI6LNB

*The Carrier* Newsletter  
**Editor** - Matthew G. Vurek, N4DLA  
[n4dla\\_cs245@yahoo.com](mailto:n4dla_cs245@yahoo.com)  
**Proofreader** - Larry Loomer, KI6LNB  
**Printing & Distribution** - Jan Kulisek, KM6NFC  
**Digital Amateur Television Help and Information:**  
 Fred Coe, WB6ASU      [wb6asu@icloud.com](mailto:wb6asu@icloud.com)

# President's Message



February 2025

MDARC Family,

This month's President's Message is a mixture of topics, so consider this as my "vignettes of thoughts." Several months ago, one of the folks Carol and I have gotten to know during our nearly daily pilgrimage to Peet's Coffee and Tea stopped by our table to drop off an article. The title of the article is "An Aging Volunteer Service—Is Amateur Radio Still Needed?" by David Setliff, W0WFM. It is an interesting article and yes, the author does show that amateur radio has value to the community, especially during widespread emergency situations.

Most of us can agree with David's overall conclusion, but he also points out an alarming fact that most of us already know. He writes ...

*"The current average age of an amateur radio operator is 68 years old and getting older. There are, however, younger people who are exposed to the service; they are just not as interested. Please make no mistake: the service is losing members faster than we are gaining, and it's becoming a dying art form."*

David's statement about losing amateur radio operators can be verified by the numbers. Before our MDARC Technician Courses I routinely use the ARRL website to get the number of amateur radio licensees in the USA. On January 5, 2019 there were 755,309 amateur radio operators, but on January 7, 2025 there were 745,292. So, in 6 years, there has been a reduction of just over 10,000 amateur radio operators. Certainly, some new people have become licensed, but the overall trend has been a decline.

It does appear that our hobby is aging out and our older ranks are not being replaced by younger members. David Setliff's statement "younger people who are exposed to the service; they are just not as interested" is too often true. For this reason, we should be glad that Pacificon encourages participation by Scouting America (formerly Boy Scouts) that can help young people see an opportunity for them in amateur radio. Please encourage these Scouts when you see them at Pacificon.

You may wish to read the entire article , so here is the link.

<https://uncoverdc.com/2024/10/09/an-aging-volunteer-service-is-amateur-radio-still-needed>

\*\*\*\*\*

Many of us who have programmed radios with what I call the Core 49 frequencies will see this CARES name on their radios. Ever wonder what these letters stand for? Well, here it is: Concord Auxiliary Radio Emergency Service. What is the purpose of this group? Currently there are 14 members, all from Concord. They are a group of hams working under the auspices of the Concord Police Department that in the event of an emergency and if they are deployed, provide communication support for Concord CERT.

CARES' objective is to act as a communication bridge between deployed CERT members who are in the Field providing situational awareness and neighborhood disaster assessments to the Concord Police Department.





Because CERT members use FRS and possibly GMRS radios which have a limited range, CARES members monitor those frequencies and relay the information to a CARES Net Control Operator(s) located in the Concord Police Department. The traffic can be provided to the Emergency Operations Center (EOC) located in the Concord Police Department.

I am recruiting additional Concord residents who hold any level of amateur radio license for this CARES group. Interested? Consider joining us on the CARES weekly Net. We meet each Wednesday at 8 pm on 147.405 Simplex Tone 127.3 Hz. (think it still works without the PL tone).

Below are the net controls for this quarter:

Feel free to contact me if you'd like more information:  
[kk6qpe@gmail.com](mailto:kk6qpe@gmail.com)

D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
K6REL	N1MEL	KA6BJS	KK6QPE	K6REL	N1MEL	KA6BJS	KK6QPE	K6REL	N1MEL	KA6BJS	KK6QPE	K6REL	N1MEL	KA6BJS
1-01-25	1-08-25	1-15-25	1-22-25	1-29-25	2-05-25	2-12-25	2-19-25	2-26-25	3-05-25	3-12-25	3-19-25	3-26-25		



\*\*\*\*\*



Ready for a nighttime public service opportunity? Then consider helping with Save Mount Diablo's Moonlight on the Mountain fund raising event on September 6, 2025. Ham operators help the large buses safely make their way on the dirt road leading to the event location near the China Wall on the Mt. Diablo foothills. This photo was taken at the Macedo Gate entrance into Mt. Diablo State Park where the buses enter and exit the park. Mark your calendar for this event.

\*\*\*\*\*



My truck has a Yaesu FTM400DR with the control head mounted in a convenient and safe location. I really like this radio because the display is easy to read, and the form factor is thin. I think Yaesu made a big mistake in discontinuing it. I looked at the FTM-500DR replacement at Pacificon and was not impressed. The display was more difficult to read and it looked like the control head was thicker.

Speaking of trucks. Mine is a 2008 Toyota Tacoma 4x4 with about 200,000 miles. Although it is running fine ...it gets regular maintenance ...it will not last forever. But when I look at new trucks, apart from the sticker shock, I have a difficult time envisioning how I could install a ham

radio. Sure, I know there are some really innovative mounting options, but they seem to me to be disruptive in the cab, inconvenient to use, and not in a safe location.

We should enjoy our amateur radio hobby as much as my twin granddaughters are enjoying their dessert.



73,  
Larry Bradley, KK6QPE  
02/11/25

---



**World Radio Day on February 13 is celebrated to preserve the timeless medium, and create awareness of the importance of radio. People and the media are encouraged to use radio for the dissemination of information, networking, and enhancing communication around the world. In an era marked by the dizzying speed of technological innovation and the rapid obsolescence of one shiny new platform after another. Radio is beginning its second century of service as one of the most dependable and widely utilized forms of media in the world.**



## APPROVED MDARC 2025 BUDGET

DESCRIPTION	2025 BUDGET	DESCRIPTION	2025 BUDGET
<b>MDARC INCOME</b>		<b>MDARC EXPENSE, CONT.</b>	
Individual/Business Donations	1,000.00	<b>Membership Department</b>	
Repeater Support Donations	1,500.00	Equipment purchase	
Membership Dues	10,000.00	Misc printing/postage/etc	100.00
Education - Class fees	950.00	Print/Mail the Carrier & Directory	35.00
Bank Interest - Checking + Savings	80.00	Refunds	
Raffles (ticket sales)	450.00	<b>Total Membership Department</b>	<b>135.00</b>
Auction - Equipment Sales	0.00	<b>Outreach</b>	
Holiday Banquet	2,500.00	Awards	0.00
Newsletter & Membership directory	34.00	CCC Science Fair sponsorship (LEE)	700.00
Transfer from Self - Ins Fund	6,000.00	Marketing	
PACIFICON Surplus to MDARC	0.00	Printing/Copying	200.00
Miscellaneous Revenue	5.00	Scholarships	
ESIF Dividends	2,500.00	Community Engagement	250.00
<b>Total MDARC Income</b>	<b>25,019.00</b>	<b>Total Outreach Expenses</b>	<b>1,150.00</b>
<b>MDARC EXPENSE</b>		<b>Storage Unit</b>	<b>1,810.00</b>
<b>Auction Committee</b>		<b>Technical Committee</b>	
Auction payout		Additional Equipment Purchase	
Expenses to run auction		Association Dues	20.00
<b>Total Auction Committee Expenses</b>	<b>0.00</b>	EchoLink Annual Admin Fee	40.00
<b>Digital Media Committee</b>		Internet Service (Unwired)	1,000.00
Equipment	0.00	Trustee (W6LGW, W6CX) Fee	35.00
Domain Renewals	235.00	Labor	
Zoom renewal	161.50	Repair/replace/maintenance	1,000.00
MDARC Store	0.00	Site Rental: North Peak (LaRue)	1,800.00
<b>Total Digital Media</b>	<b>396.50</b>	Site Rental: South (EIP)	6,000.00
<b>Education Expenses</b>		Van Electronics	200.00
Lending Lib Equipment Expense	0.00	Parks & Rec Fee	1,500.00
Lending Library textbook purchase	75.00	<b>Total Technical Committee Expense</b>	<b>11,595.00</b>
Misc expense		<b>Trailer Committee</b>	
In-Person Facility Expense	0.00	Mechanical	500.00
Equip Purchase/Virtual Instruc	1,700.00	Presentation Equipment	0.00
Refunds	45.00	Radio Equipment	0.00
Test Fee sponsorship	730.00	STEM Supplies	0.00
License Testing- tablets	500.00	<b>Total Trailer Committee Expenses</b>	<b>500.00</b>
<b>Total Education Expenses</b>	<b>3,050.00</b>	<b>Treasurer's Expenses</b>	
<b>Election Committee</b>	<b>100.00</b>	Accounting Fees	680.00
<b>EmComm Expenses</b>		Accounting Program	804.00
Public Service Support	200.00	Bank Fees	25.00
Meeting Site Rental	0.00	Businesss Fees	65.00
Badges Public Service Team	0.00	Equipment Self-Insurance Fund	1,260.00
Table Banners Public Serv Team	0.00	Liability Insurance	300.00
<b>Total EmComm Expenses</b>	<b>200.00</b>	Misc Expenses	50.00
<b>Field Day</b>		Audit	0.00
BBQ/food expense	775.00	PO Box Rental	236.00
Site Rental	950.00	<b>Total Treasurer's Expenses</b>	<b>3,420.00</b>
Toilet Rental	450.00	<b>Vehicle Committee</b>	
<b>Total Field Day Expenses</b>	<b>2,175.00</b>	Van Fuel	75.00
<b>Holiday Banquet</b>		Van License & Registration	325.00
Decorations		Van Liability Insurance	600.00
Gifts		Van Maintenance	400.00
Meal Cost	3,000.00	Van Parking	1,720.00
<b>Total Holiday Banquet Expenses</b>	<b>3,000.00</b>	<b>Total Vehicle Committee Expenses</b>	<b>3,120.00</b>
<b>Meeting Expenses</b>		<b>Total MDARC Expenses</b>	<b>32,071.50</b>
Field Trips		<b>MDARC NET</b>	<b>(7,052.50)</b>
Food purchases for meetings			
Info Learning Tables			
Meeting site rental	900.00		
Presentation supply expenses			
Raffle Expenses	20.00		
Speaker gifts			
Annual Awards	500.00		
<b>Total Meeting Expenses</b>	<b>1,420.00</b>		
		<b>Pacificon Income</b>	<b>71,000</b>
		<b>Pacificon Expenses</b>	<b>63437.6</b>
		<b>Pacificon Net</b>	<b>7562.4</b>

# Mount Diablo Amateur Radio Club

## Membership Renewal (Jan 1- Dec 31)

Date: \_\_\_\_\_ Call (or SWL): \_\_\_\_\_ License Class: ☐ E ☐ A ☐ G ☐ T ☐ N  
Name: \_\_\_\_\_ Nickname: \_\_\_\_\_  
Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Home Phone: ( ) \_\_\_\_\_ Cell Phone: ( ) \_\_\_\_\_  
Your E-mail: \_\_\_\_\_  
Spouse or Partner's Name: \_\_\_\_\_ Spouse or Partner's Call (or SWL): \_\_\_\_\_  
Spouse or Partner's Unique E-mail: \_\_\_\_\_

**Circle any phone numbers or e-mail address above that you do NOT want listed in the club roster.**

*Please note, we take care to ensure that member information is never used for non-club or commercial purposes.*

Note: You may add a maximum of 3 Family Members at the same address. Attach page with details for this.

### Additional Information

- Membership Card: If you would like to have a new membership card mailed to you please send a SASE to the Membership Chair, Mount Diablo Amateur Radio Club, P.O. Box 23222, Pleasant Hill, CA 94523-0222
- Are you an ARRL member? This is important to maintain MDARC's Special Service Club status with ARRL.  
☐ ARRL Member ☐ ARRL Life Member

### Gift Membership

If you would like to give this membership as a gift to someone else, please fill in the above personal information with the recipient's information; and the below with your own information. In the instructions, please tell us when we may advise the recipient of his/her membership, and if you want this to be anonymous.

Gift-giver's Name: \_\_\_\_\_ Gift-giver's Callsign (if any) \_\_\_\_\_

Gift-giver's contact information (e-mail or phone no.): \_\_\_\_\_

Instructions: \_\_\_\_\_ ☐ Anonymous

### Fees

MDARC DUES for Individual or Family membership at the same address: <b>This includes the electronic Carrier newsletter emailed monthly</b>	<b>\$45.00</b>	\$
Student membership: (Full-time student, 24yr old max) <b>This includes the electronic Carrier newsletter emailed monthly</b>	<b>\$15.00</b>	\$
Carrier Newsletter: Optional <u>Paper</u> Copies & Mailing – Additional cost for <u>paper</u> copies and monthly mailing. It does NOT include the Directory – contact Membership.	<b>\$18.00</b>	\$
Repeater Support Donation – Help us keep your repeaters on the air with \$5 to \$50?		\$
Total:		\$

Please make your check payable to MDARC and mail to:

MDARC  
PO BOX 23222  
PLEASANT HILL, CA 94523-0222

MDARC Telephone: 925-288-1730

[INFO@MDARC.ORG](mailto:INFO@MDARC.ORG)

Office Use Only

Date	ID#	\$	Ck#	Int'l's

Or Renew at below link:

<https://www.mdarc.org/about-us/joinrenewupdate>

Rev 2020-12-15

# PUBLIC SERVICE EVENTS

---

## **Livermore Half Marathon - Running Race      Confirmed**

Sunday, March 2, 2025

Running Race from-to Downtown Livermore

Radio Coordinator: George Moorhead, KG6GEM <[kg6wui1@comcast.net](mailto:kg6wui1@comcast.net)>

<https://www.signupgenius.com/go/10Co844AEAD28A6FA7-cinderella1>

## **Oakland Marathon - Running Race                      Confirmed**

Sunday, March 23, 2025

Running Race in Downtown Oakland

Radio Coordinator: Mike Pompa, KB6MP <[mpompa@gmail.com](mailto:mpompa@gmail.com)>

<https://www.wv6or.com/oakland-marathon-signup>

## **Diablo Trails Challenge - Running Race      Confirmed**

Saturday, April 5, 2025

Running Race from Castle Rock Park, Walnut Creek

Radio Coordinator: Larry Loomer, KI6LNB <[larylloomer@yahoo.com](mailto:larylloomer@yahoo.com)>

Brazen Racing <https://brazenracing.com/diablotrailschallenge>

## **Cinderella Bike Ride - in Livermore      Confirmed**

Saturday, April 5, 2025

Ladies' Bike Ride around Livermore

Radio Coordinator: George Moorhead, KG6GEM <[kg6wui1@comcast.net](mailto:kg6wui1@comcast.net)>

<https://www.valleyspokesmen.org>

## **Primavera Ride - Rios Lovell Winery              Confirmed**

Sunday, April 13, 2025

Bike Ride in Livermore Valley

See: Larry Loomer, KI6LNB <[larylloomer@yahoo.com](mailto:larylloomer@yahoo.com)>

Tony Flusche <https://ffbc.org/primavera/>

*(continued on following page)*



**Jorge Bejarano, KO6HKZ**

**Hunter Guidess (license pending)**

**David Mayes, KJ6LNN**

If you hear these new members on the air,  
please welcome them to our club.

— Jan Kulisek, KM6NFC, Membership Chair





The Diablo Trails Challenge is coming up on Saturday, April 5, 2025.

It is a running race from Castle Rock Park in Walnut Creek to the top of Mt. Diablo, and back to the park.

MDARC has been asked to provide the situational awareness and emergency communication for the event due to the lack of reliable phone service on the mountain.

This event provides the opportunity for all hams of any experience to provide support from different assignments. All ham radio assignments are drive-up assignments on the mountain, unless you volunteer otherwise. Most assignments can be done with an HT using the MDARC repeater at the top of the mountain.

We encourage you to volunteer for this very worthwhile public service event, benefitting Save Mt. Diablo. MDARC has supported this event for many years.

Please put this event on your calendar and let me know if you are interested in participating.

I have received replies from the following operators:

K6SHO, KM6SJO, AJ6LP, KM6ZJT, KO6DSF, KA6TIM, KJ6VZQ, N6BDW, AC6ZZ, KG6FPX, N6RIO, KD6NRD, and KM6ORH.

Please let me add your call sign to the list. I hope to hear from you soon.

73, Larry Loomer, KI6LNB, Emergency Coordinator larylloomer@yahoo.com



MDARC has a Public Service walk in Heather Farm Park in Walnut Creek for the Multiple Sclerosis Society, on March 30, 2025, at 8:00 AM.

We will be stationed at Hydration Stations and at key locations along one of two walking routes. We will be looking for any problems with the walkers that are participating in the walk

We encourage you to volunteer for this very worthwhile public service event, benefitting the Multiple Sclerosis Society. MDARC has supported this event in past years. This walk is HT compatible, using the MDARC repeater, W6CX.

Please put this event on your calendar and let me know that you are interested in participating at: larylloomer@yahoo.com .

Thank you.

73,

Larry Loomer, KI6LNB, Emergency Coordinator

# WINTER FIELD DAY 2025 ON BRANNAN ISLAND

A friend and I did a 3 day “Tailgate” camping trip up in the Delta, operating 2 stations during Winter Field Day. As an off-grid field radio exercise we utilized only older military radio equipment working in its natural element. This as part of our interest in using this equipment on the ham bands.

Equipment included 20 watt PRC-174 HF SSB/CW manpacks and a GRC-109 Special Forces CW set.

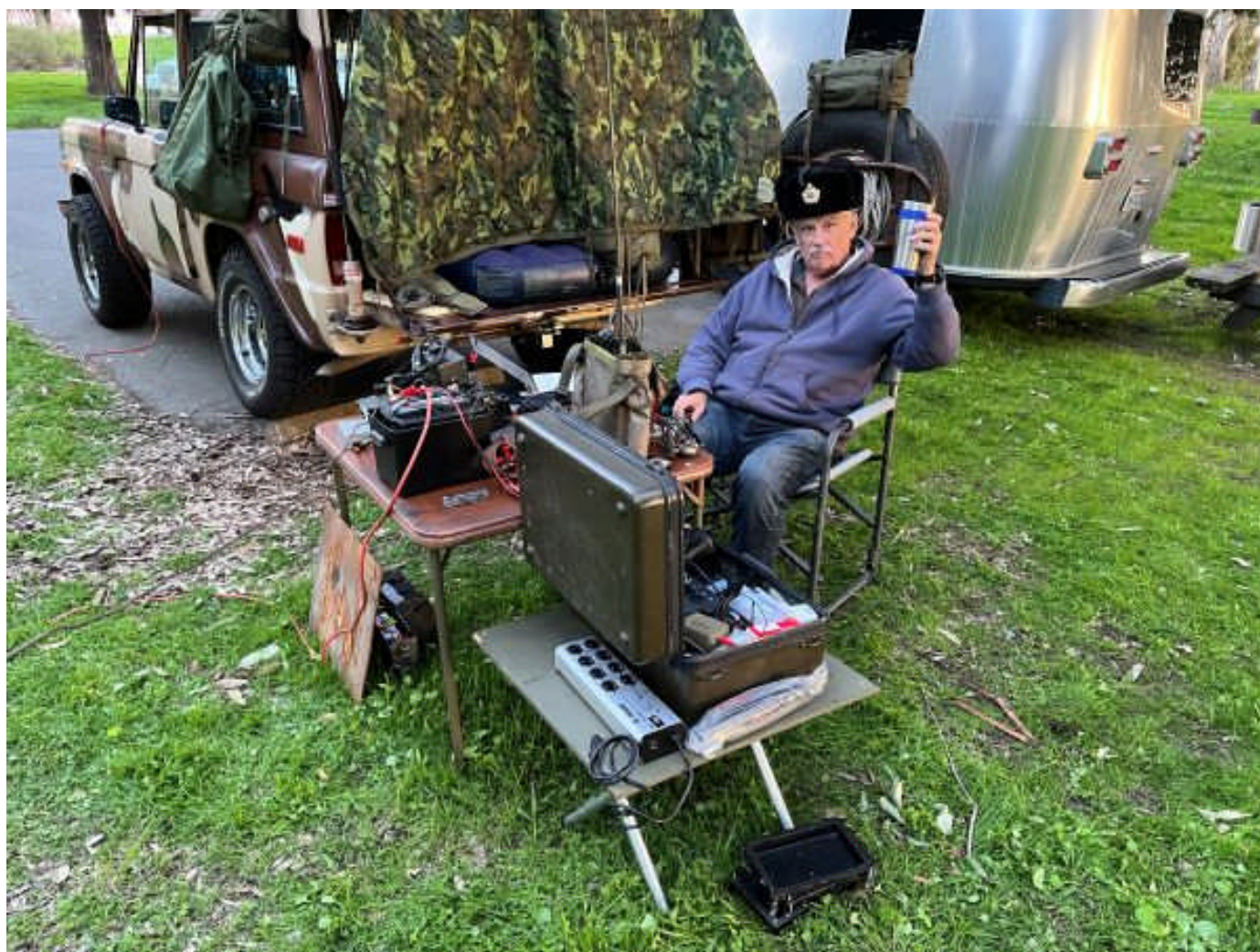
Our 10/20 watt stations were completely solar powered for 3 days. We made many contacts with our similarly-equipped friends who were running 5 other types historic military radios. They still do the job and are well suited for field Ops.

We worked mostly CW on 40 and 80 meters via regional NVIS plus some SSB and AM there as well.

We also sent and received several Internet e-mails via HF radio Winlink through the W7DEM gateway in Reno, Nevada to exercise that capability. Very handy.

Why practice all this? Because of the Second Law of Thermodynamics: “Stuff Happens” [sic]. But also to appreciate the people who used this equipment and learn some history along the way.

Below is a photo of the station at our informal campsite; sending CW with the J-45 :Knee Key



More info here: <https://www.n6cc.com/winter-field-day-2025-n6cc/>

73, Tim Sammons, N6CC

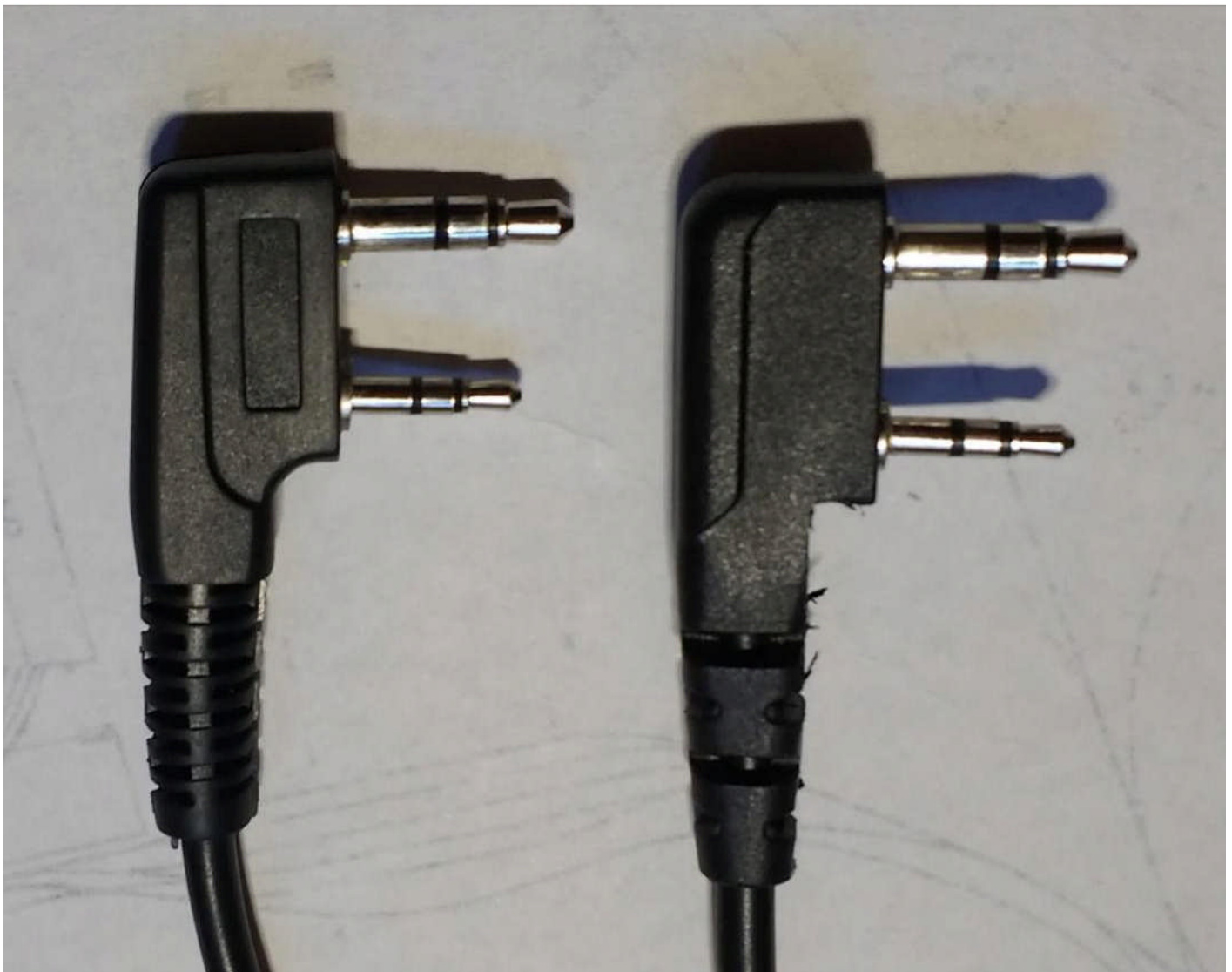


# HACKS & HINTS

## UV-K5 (8) (99) / UV-K6 / Users Group

Andy Gilfillan •

A simple solution to get your programming cable into the radio instead of having to give it an almighty shove, it is the 'curve' on the boeafeng cable that stops the cable mating with the radio., the one on the right in the pic has had some material removed with a sharp knife. Thanks to G4IBS who sent me this tip.



## Amateur Radio Emergency Preparedness Act Re-Introduced

WASHINGTON – U.S. Senators Roger Wicker, R-Miss., and Richard Blumenthal, D-Conn., and Representatives August Pfluger, R-Tex., and Joe Courtney, D-Conn. announced their joint re-introduction of legislation in the Senate (S.459) and House (H.R.1094) to restore the right to Amateur Radio operators to install the antennas necessary to serve their communities. *(This is the third attempt by these two senators to pass such legislation...see below. — Editor)*

Homeowner association (HOA) rules often prevent amateur radio operators from installing antennas at their homes even though Amateur Radio has proven to be essential in emergencies and natural disasters such as hurricanes when other means of communication fail.

**The Amateur Radio Emergency Preparedness Act of 2025** would require homeowner associations to accommodate the needs of FCC-licensed Amateur Radio operators by prohibiting the enforcement of private land use restrictions that ban, prevent, or require the approval of the installation or use of Amateur Radio station antennas. Homeowner associations have often prevented installation and use of such antennas through private land use restrictions. This has hindered voluntary training for emergency situations and blocked access to necessary communications when disaster strikes.

### Among other provisions, this legislation would:

Prohibit homeowner association rules that would prevent or ban amateur radio antennas;

Specify an approval process for installing amateur radio antennas;

Provide a Federal private right of action to amateur radio operators in disputed cases.



### EDITOR'S NOTE:

*Wicker and Blumenthal introduced similar legislation, S.3690 on January 30, 2024. It failed to receive any further co-sponsors and was never acted upon by the Senate Commerce Committee. Its companion bill, H.R. 4006, was introduced on June 12, 2023 but only gained 17 co-sponsors (only one of them from California) and was never acted upon by the House Energy and Commerce Committee. None of the California house members still in office who co-sponsored H.R.1301 below co-sponsored H.R.4006. For more details, see page 14 in the March 2024 issue of The Carrier.*

*The same two senators introduced similar legislation, S.1685, on June 25, 2015 but it failed to be voted on by the full Senate due to the objections of a Florida senator serving with them on the Commerce Committee. The companion bill to S.1685, H.R.1301, was passed by voice vote in the House of Representatives on September 12, 2016. Only 11 of California's then-53 house members co-sponsored H.R.1301 and only one of those co-sponsors represented a Bay Area constituency. Meanwhile, 15 of Texas's then-36 house members and 13 of New York's then-27 house members co-sponsored H.R.1301. For more details, see page 4 in the September 2016 issue of The Carrier.*

*The following similar congressional bills all **FAILED** to be voted upon by the House or Senate: H.R. 4720 (2002), H.R. 1478 (2003) H.R. 3876 (2005), H.R.4969 (2014), S.1534 (2017), H.R. 466 (2019), H.R. 9670 (2022). H.R. 555, however, passed the House on January 23, 2017 and was sent to the Senate but was not acted upon. (Source: [www.congress.gov](http://www.congress.gov))*



# ARRL E-MAIL SCAM ALERT !

A scammer is sending warning messages to holders of arrl.net e-mail addresses (see below) with a link to "Update Your Email Account" which leads to a fraudulent site that prompts for ARRL login credentials. Ignore the message!!!

If you ever receive an unsolicited message from an organization that calls for you to take action by clicking on a link, do not click on the link. Instead, contact the organization by normal means to determine if any action is necessary.

--- Bob Fentress, W6RBF

## ARRL Update

Dear Valid User,

**SCAM MESSAGE!  
DO NOT CLICK OR RESPOND!**

You are required to update your Mail Account, as the check on inventory shows your action on your account is required.

[Update Your Mail Account](#)

**Do not ignore: To avoid account closure within 24hrs.**

Thanks,

© ARRL Webmail



# A NEW NET ON THE W6CX FM REPEATER

Starting on February 5, 2025, a new net operates at 6pm each Wednesday on our W6CX FM repeater.

It is sponsored by the American Legion Post 237 in Pleasanton/Dublin.

Phil Cazella, the commander of Post 237, writes:

I write to you today on behalf of our newly formed Amateur Radio Club. As a newly established club, we are excited to reach out to other licensed operators in the area who served in the U.S. or allied armed forces. One way we'd like to do that is to host a weekly "Vet Net". Our club aims to create a space where veterans can connect, share experiences, and support each other through amateur radio. This net would serve as a valuable resource for veterans within our community, providing them with a unique opportunity to engage in meaningful communication and camaraderie. It would also serve as a way to provide valuable information to the veteran community about upcoming events they may be interested in participating in, such as parades, fundraisers, and memorials. The American Legion has a national effort called "Be the One." Its intent is to reduce the number of veteran suicides that unfortunately continue to persist. One of the reasons for the VetNet is a mid-week "buddy check." We try to find out who has needs where we can provide support. We informally discuss this every Saturday morning at the Pleasanton Veterans Memorial building. This net gives us the opportunity to discuss a situation where support may be needed, where one of us may "Be the One" to provide a helping hand. The rest hopefully will be some military tale swapping and amateur radio.

If you have any questions about the new group on our repeater, please contact Larry Loomer, KI6LNB, at [<larylloomer@yahoo.com>](mailto:larylloomer@yahoo.com). 73, Larry Loomer, KI6LNB, Emergency Coordinator

**Novice Rig Roundup 2024 will be held 0000 UTC March 7, 2025 to 23:59 UTC March 15, 2025 23:59**

**Novice Rig Roundup (NRR) is an annual 9-day operating event celebrating the old Novice type equipment, and operating restrictions, of over 70 years ago. Each March we put our nostalgic stations**

**on the air to make contacts with each other, and anyone else that cares to join in. NRR is focused on the days of 75 watts input at the plate and crystal controlled transmitters - however, ALL stations are welcome.**



**(K5MBA photo)**

**More information at: <https://novicerigroundup.org/>**



# MDARC General Meeting Minutes November 15, 2024

Held as hybrid Zoom and in-person meeting.

**1. Call to Order:** The meeting was called to order at 7:00 pm by MDARC president Larry Bradley KK6QPE. Larry stated that if you are a member who has paid your dues for 2024/2025 and have not yet voted, you can still vote in person tonight by completing the process with Benjo Sevilla KA6BJS.

- a. Welcome to all: Larry KK6QPE welcomed all attendees.
- b. Pledge of Allegiance: This was made by attendees.
- c. Safety, Exits, Rest Rooms: Larry KK6QPE indicated the positions of the emergency exits and restrooms.
- d. Acknowledge new members: New members were acknowledged.
- e. Acknowledge visitors: Visitors were welcomed.

**2. Approval of Minutes from the Last Meeting:** The minutes of the October meeting were approved without objection.

**3. Officer Reports:**

- a. President: Larry Bradley KK6QPE had no report.
- b. Vice President: Ed Morales KJ6KYT said that this will be his last meeting as VP and thanked everybody for their support during his tenure as Vice President. He added that he will continue to be a member in spite of the fact that he now lives in Oregon.
- c. Secretary: Brian KM6NGS had no report.
- d. Treasurer: Barbara Whysong K6WHY presented the following report.

Monthly Report - OCT, 2024			
STATEMENT OF ACTIVITIES			
	MDARC	Pacificon	TOTAL
Credits			
Membership	\$505.26		\$505.26
Education	\$40.14		\$40.14
Other	\$253.61		\$253.61
Restricted donations (repeater)			\$0.00
Unrestricted donations			\$0.00
Pacificon		\$19,963.84	\$19,963.84
Vendors & NP		\$533.00	\$533.00
Kits		\$95.00	\$95.00
Swap meet		\$700.00	\$700.00
Ticket sales		\$990.00	\$990.00
			\$23,080.85
Total Credits	\$799.01	\$22,281.84	\$23,080.85
Debits			
Operations	\$1,365.57	\$425.99	
Hospitality		\$2,641.34	
Security		\$960.00	
Prizes		\$3,225.40	
Printing		\$329.90	
Restricted donations (repeater)			
Unrestricted donations	\$15.00		
Total Debits	\$1,380.57	\$7,582.63	\$8,963.20
Change in Net Assets			\$14,117.65

Balance Sheet	
October 31, 2024	
ASSETS	
Current Assets	
Checking/Savings	
Equipment Self-Ins Fun	64,501.70
MDARC Savings	28,437.39
MDARC Checking	85,124.50
PACIFICON	5,717.83
Total Checking & Savings	183,781.42
Total Current Assets	183,781.42
TOTAL ASSETS	183,781.42
LIABILITIES	
	0.00
NET ASSETS	183,781.42

Increase/Decrease from prev month 14,117.65

Pacificon 2024  
(preliminary report as of 11/11/2024)

Income: \$68,295  
Expenses: \$57,063\*  
Net income: \$11,232\*

Pete KE6ZIW commented that the Pacificon results were among the best that he can recall over the last 25 years and commended Julie for her great leadership.

e. Emergency Coordinator: Larry KI6LNB had no report.

**4. Directors at Large.** Directors at Large: Mike W6MEW, Mark Fehlig WA6NGC, Cal K6VT and Trevor WA6JAU had nothing to report.

### **5. Committee Reports – Standing:**

a. Auction: Report not scheduled or unavailable.

b. Outreach Coordinator: Report not scheduled or unavailable.

c. Technical: Larry KK6QPE thanked Trevor, Grant and Jim for going up on the hill to take care of the South Peak repeater problems.

d. Digital Media: Report not scheduled or unavailable.

e. Education and Training: Report not scheduled or unavailable.

f. Pacificon: Report not scheduled or unavailable.

g. Membership: Jan KM6NFC, reported that there are 299 paying members and a total of 363 including family members. The total club membership is 375 when 12 honorary members are included. There are still 47 who haven't renewed yet.

h. Public Service: Larry KI6LNB reported that he has cancelled our support for the event at Lake Chabot on the 16th of November because he did not receive a reply from the event organizer.

i. Vehicle Committee MDARC-1: Report not scheduled or unavailable.

j. License Testing: Larry KI6LNB reported that there were two candidates for testing and that they both had perfect scores. One was an Amateur Extra and the other was a Technician.

k. Trailer Committee: Report not scheduled or unavailable.

l. Field Day: Report not scheduled or unavailable.

m. Holiday Banquet: Julie announced that the Banquet will be held at the Back Forty Barbecue in Pleasant Hill on December 1st. A final count of attendees is required by November 25th and payment can be made via Cash, Check or Venmo.

n. Election Committee: Larry KK6QPE thanked Benjo Sevilla, Raquel Sevilla and John Rio for their work and added that he had also been part of the election committee.

o. Program Committee: Ed KJ6KYT had no report.

### **6. Unfinished Business:**

a. MDARC Election: Raquel Sevilla announced the results as follows:

President; Larry Bradley KK6QPE

Vice President; Michael Papp WB6GJE

Secretary; Brian Lotter KM6NGS

Treasurer; Barbara Whyson, K6WHY

Emergency Coordinator; Larry Loomer, KI6LNB

Director at Large; Mike Warren, W6MEW

Director at Large; Cal Vasquez, K6VT

Raquel explained that 127 of the 299 electronic ballots had been cast. Of the 127, three were invalid because they voted for three directors at large when only two positions were open. There were also 3 mail-in ballots.

Benjo reported that some of the electronic ballots had gone into people's spam folders because of some of the rules that email systems apply to bulk emails. Another problem was that some people's email addresses on the Membership Portal are not valid. He noted that each individual member needs to correct their email address on the Membership Portal. Larry added that 127 members voted this year while only 80 voted last year.

**7 New Business:** None.

**8. Good of the order:** Nothing was heard.

**9. Adjourn Business meeting:** The meeting was adjourned at 7:35 pm.

Respectfully submitted by: Brian Lotter, KM6NGS, Secretary,  
on January 15, 2025.

*(continued on following page)*



# MDARC Board of Directors Meeting January 6, 2025

Held at Zoom online

1. Call to Order: The meeting was called to order at 7:00 pm by Larry Bradley, KK6QPE after it was determined that there was a quorum for conducting Club business.
2. Roll Call: Attendees via Zoom screen shots:  
Officers: Larry Bradley KK6QPE, President; Mike Papp WB6GJE, Vice President; Brian Lotter KM6NGS, Secretary; Barbara Whyson, K6WHY, Treasurer; Larry Loomer KI6LNB, Emergency Coordinator; Mike Warren W6MEW, Director at Large; Mark Fehlig WA6NGC, Director at Large; Cal Vasquez K6VT, Director at Large.  
Committee Chairs/Coordinator: Grant Bowman K6CBK Digital Media; Jan Kulisek KM6NFC Membership Coordinator. Guests: Mike Patterson N6JGA; Dave WA6UHA; Debbie KM6IXM; Charles K3CMK.
3. Approval of Minutes from Last Meeting: Mike W6MEW, seconded by Trevor WA6JAU, proposed a motion to approve the minutes. The minutes of the December second Board of Directors Meeting were unanimously approved.
4. Adopt Tonight's Agenda: The agenda was adopted without objection.
5. Officer reports:
  - a. President Larry Bradley KK6QPE – Welcomed the new Vice-President Mike WB6GJE.
  - b. Vice-President Mike Papp WB6GJE – Said that he was pleased to be here and that he hopes to be able to contribute to the efforts of MDARC.
  - c. Secretary Brian Lotter KM6NGS – Had no report.
  - d. Treasurer Barbara Whyson K6WHY – Barbara presented the following report. She noted that the PACIFICON account has been closed but that the account activity related to PACIFICON is now shown in the statement of activities in her report. She asked if the board wanted the costs, for Constant Contact and Google Workspace, recorded under MDARC or PACIFICON. It was decided that, since most of the activity applies to PACIFICON, the costs will be recorded under PACIFICON.

## Balance Sheet December 31, 2024

<b>ASSETS</b>	
Current Assets	
Checking/Savings	
Equipment Self-Ins Fund	64,977.97
MDARC Savings	28,441.19
MDARC Checking	58,001.91
PACIFICON	0.00
Total Checking & Savings	151,421.07
Total Current Assets	151,421.07
<b>TOTAL ASSETS</b>	<b>151,421.07</b>
<b>LIABILITIES</b>	
	0.00
<b>NET ASSETS</b>	<b>151,421.07</b>
<b>Increase/Decrease from prev month</b>	
	-168.55

Monthly Report - DEC 2024			
STATEMENT OF ACTIVITIES			
	MDARC	Pacificon	TOTAL
<u>Credits</u>			
Membership	\$3,091.46		\$3,091.46
Education	\$40.14		\$40.14
Other	\$468.57		\$468.57
Repeater Donations	\$400.00		\$400.00
Donations	\$185.00		\$185.00
Pacificon			\$0.00
Holiday Party			\$0.00
			\$0.00
<u>Total Credits</u>	\$4,185.17	\$0.00	\$4,185.17
<u>Debits</u>			
Operations	\$1,241.00	\$83.80	\$1,324.80
Holiday Banquet	\$2,834.23		\$2,834.23
Awards	\$194.69		\$194.69
<u>Total Debits</u>	\$4,269.92		\$4,353.72
<b>Change in Net Assets</b>			<b>-\$168.55</b>

#### MDARC INCOME

#### PACIFICON INCOME

Membership

Donations

Ticket sales

Interest/Dividends

#### MDARC Expenses

#### Pacificon Expenses

EIP monthly fee

Google Workspace

Unwired monthly fee

Constant Contact

Rodie's

Treasurer Expenses

Larry KK6QPE asked Barbara about progress on the new accounting software package. She replied that she was not happy with the support that she has received but that she will work to get the 2024 data into the program so that she can produce the 2024 tax statement and avoid the costs of having the taxes done by a third party.

**Emergency Coordinator Report:** Larry KI6LNB had no report.

### 7. Directors at large reports:

Mike Warren W6MEW – Had no director's report. Trevor Hall WA6JAU – Had no director's report.

Mark Fehlig WA6NGC – Had no director's report but asked why there is no hourly time announcement on the 220 analog repeater. Trevor acknowledged that there is probably a bad port card and that he will go there as soon as the weather permits. Trevor noted that the repeater is still compliant with the law because it still transmits a morse code report every 10 minutes. Cal Vasquez K6VT – Had no director's report.

### 8. Committee Reports:

a. Auction: Vacant. No report was expected.

b. Communications Trailer: Mike W6MEW had no report.

c. Digital Media: Grant K6CBK reported that he had made minor updates to announcements on the web page.

f. Education and Training: Larry KK6QPE stated that the January Technician course starts on January 7<sup>th</sup>.

g. Election Committee: No report was expected.

h. Field Day: No report was expected.

i. Holiday Banquet: No report was expected.

j. License Testing: Larry KI6LNB reported that the VEC at ARRL has a list of the 9 licensing events that will be held at Our Savior's Lutheran Church in Lafayette. He is preparing a list of the three events that will be held, one after each licensing class, the Field Day and the PACIFICON events. This list will also be submitted to the VEC at ARRL. All of the license testing events will be published on the ARRL website.



- k. Membership: Jan KM6NFC showed his membership report which had the following numbers, Paying Members 307, All current members including family and additional members 372, New members this year 0, Renewals last 30 days 67, Past due (excluding family members) 38, Lifetime + Honorary members 12. He added that past due members will be on the membership list until the end of January. He showed the 2023 numbers for comparison.
- l. Mesh Committee: Mike W6MEW had no update for Mesh.
- m. Outreach: Dick Wade WM6G was not present.
- n. PACIFICON: No report was expected.
- o. Programs: There was no report.
- p. Public Service: Larry KI6LNB reported that he has seven events which will be published in the Carrier and on the MDARC website.
- q. Radio Lending Library: Cal K6VT had no report.
- r. Rocky Ridge Repeater (Tech): Trevor reported that apart from the ID problem discussed above, everything is working fine. The power cable that feeds the site was damaged in a fire and now only delivers about 109 volts. They are working with the landlord to have it fixed. Trevor posed a question to the board about what problems should and should not be broadcast. He has been holding back on reporting because if he puts it on groups.io, it goes to the world. It was decided that the report should be submitted via the board and the staff groups.io emails.
- s. Scholarship: No report was expected.

## **9. Future Meetings:**

General Meeting: 01/17/2025 will be a hybrid, in-person and online. Board Meeting 02/03/2025 on Zoom only.

## **10. Unfinished Business:**

10.1 MDARC 2025 budget: The draft version 3 of the 2025 budget was shown and fine-tuned but could not be finalized because the PACIFICON budget would not be available until after the PACIFICON meeting on December 4th. Once Barbara has updated the MDARC the PACIFICON budgets, she will post them to MDARCBoard and MDARC-staff on groups.io. The 2025 budget will be finalized at the Board meeting on February 3rd.

10.2 Status report on revising Membership database for processing and tracking payments, new payment gateway status: The membership gateway for payments, for renewals only, was activated because Barbara did receive the payments, from the initial tests. Jan KM6NFC reported that he had seen two PHP errors on the gateway this morning. He added that the errors were minor and that he would not expect them to cause problems. However, he wants to correct them before the gateway is allowed to go live. Larry KK6QPE said that this item will be on the February agenda for further discussion.

10.3 Asset List: This will be held over to mid-2025.

10.4 \$3,500 anonymous donation to MDARC: Larry KK6QPE said that this is on the agenda to remind us to think of what the funds should be used for.

## **11. New Business:**

11.1 Comm Van – future use: Larry KK6QPE posed the question of how much benefit we get from the Van as opposed to the significant costs. This also prompted a discussion of the benefits versus costs of the trailer. No conclusion was reached, so this was left open for further discussion.

11.2 Pinnacle Live invoice from Pacificon: Mike W6MEW showed the invoice from pinnacle live with the total charges of \$18,859.77. This was the biggest expense for PACIFICON. He went through several items on the invoice to demonstrate that it is not possible to figure out what we are being charged for because there is no schedule of rates and also because items are bundled into single charges with no description of what the bundle includes. After some discussion, Grant K6CBK made a proposal to set up a meeting with the pinnacle representative to clarify the charges on the invoice and report back to the board. Mike and Grant will participate in the meeting.

**12. Good of the order:** Nothing was heard.

**13. Adjournment:** Mike W6MEW, seconded by Trevor WA6JAU, proposed a motion to adjourn. The motion was carried unanimously. Meeting Adjourned at 8:23 pm.

Respectfully submitted by Brian Lotter KM6NGS Secretary, January 26, 2025.

These meeting minutes were signed digitally due to the digital meeting.

# ESTATE SALE

**Astron VS-35M 2 to 15 volts 35 amp power supply \$160**

**Astron RS-35M 35 amp power supply \$180**

**Kenwood IF-232C computer interface \$20**

**Kenwood TS-2000 HF/VHF/UHF Transceiver \$800**

**Kenwood SP-23 external speaker for TS-450 \$100**

**Yaesu G-800DXA rotator controller only (no rotator) \$80**

**Diamond MX-72H HF-VHF/UHF Duplexer \$30**

**Vibroplex Keyer \$90**

**McElroy semi-automatic telegraph key \$150**

**Reasonable offers for any of the above considered. Contact:**

**Kim Leong, N6YJ, 925-575-1941 or [n6yj.qth@gmail.com](mailto:n6yj.qth@gmail.com)**

## **Low-Cost Receivers for Digital Amateur Television Reception Available For Sale from Club Member KA3VDT**

**These are DVB-S2 receivers pre-programmed for our club's 1.2 GHz W6CX DATV repeater frequencies**

**Connect a 1.2 GHZ directional antenna, aim it at Mount Diablo's North Peak and watch the over the air repeater signal on your video monitor**

**Please contact Will Roberts at [ka3vdt@gmail.com](mailto:ka3vdt@gmail.com) or visit**

**<http://laser66.com/ham/>**

**To purchase a DATV transmitter, contact Fred Coe, WB6ASU, at [wb6asu@icloud.com](mailto:wb6asu@icloud.com)**



**THE FIRST HAM SWAP OF THE YEAR IS COMING!**

**9TH ANNUAL**

# **LOOMIS HAMFEST**



**JOIN THE SIERRA FOOTHILLS AMATEUR RADIO CLUB FOR HAMFEST 2025!**

GET YOUR GEAR, GRAB YOUR WALLET, AND GET READY FOR A SUPER SWAP.  
WE'LL HAVE COFFEE AND DONUTS, AWESOME PRIZES,  
ELMER TOURS, A TEST TABLE, PRESENTATIONS, AND SO MUCH MORE.

**SAVE THE DATE: MARCH 22ND, 2025**

**MORE INFORMATION CAN BE FOUND @ [HAMFEST.W6EK.ORG](https://hamfest.w6ek.org)**

**SELLERS \$10  
SETUP @ 0600**

**FREE ADMISSION  
AND PARKING**

**TALK IN FREQ**  
145.130- .600  
CTCSS 114.8

**WHEN**  
SATURDAY, MARCH 22ND, 2025  
0700 TO 1100 HOURS



**WHERE**  
HISTORIC LOOMIS TRAIN DEPOT  
5775 HORSESHOE BAR ROAD  
LOOMIS, CA

## **SPONSORS**



**ED FONG  
ANTENNAS**





# HAM RADIO OUTLET®

WWW.HAMRADIO.COM

**\*Free Shipping and Fast Delivery!**



## FTDX101MP | 200W HF/50MHz Transceiver

- Hybrid SDR Configuration • Unparalleled 70 dB Max. Attenuation VC-Tune • New Generation Scope Display 3DSS • ABI (Active Band Indicator) & MPVD (Multi-Purpose VFO Outer Dial) • PC Remote Control Software to Expand the Operating Range • Includes External Power With Matching Front Speaker



## FT-710 Aess | HF/50MHz 100W SDR Transceiver

- Unmatched SDR Receiving Performance • Band Pass Filters Dedicated for the Amateur Bands • High Res 4.3-inch TFT Color Touch Display • AESS: Acoustic Enhanced Speaker System with SP-40 For High-Fidelity Audio • Built-in High Speed Auto Antenna Tuner



## FTM-500DR | C4FM/FM 144/430MHz Dual Band Xcvr

- Front Firing Acoustically Enhanced Speaker System • True Dual Band Operation, C4FM/C4FM Digital D-D Dual Receive • 2.4" High-Resolution Full-Color Touch Panel Display • Built-in High Precision GPS Receiver • Wireless Operation Capability with Optional Bluetooth® Headset



## FTDX10 | HF/50MHz 100 W SDR Transceiver

- Narrow Band and Direct Sampling SDR • Down Conversion, 9MHz IF Roofing Filters Produce Excellent Shape Factor • 5" Full-Color Touch Panel w/3D Spectrum Stream • High Speed Auto Antenna Tuner • Microphone Amplifier w/3-Stage Parametric Equalizer • Remote Operation w/optional LAN Unit (SCU-LAN10)



## FT-891 | HF+50 MHz All Mode Mobile Transceiver

Stable 100 Watt Output • 32-Bit IF DSP • Large Dot Matrix LCD Display with Quick Spectrum Scope • USB Port Allows Connection to a PC with a Single Cable • CAT Control, PTT/RTTY Control



## FTM-300DR | C4FM/FM 144/430MHz Dual Band

- 50W Output Power • Real Dual Band Operation • Full Color TFT Display • Band Scope • Built-in Bluetooth • WIRELESS Portable Digital Mode/Fixed Mode with HRI-200



## FT-70DR C4FM/FM 144/430MHz Xcvr

- System Fusion Compatible • Large Front Speaker delivers 700 mW of Loud Audio Output • Automatic Mode Select detects C4FM or Fm Analog and Switches Accordingly • Huge 1,105 Channel Memory Capacity • External DC Jack for DC Supply and Battery Charging



## FT-991A | HF/VHF/UHF All Mode Transceiver

Real-time Spectrum Scope with Automatic Scope Control • Multi-color waterfall display • State of the art 32-bit Digital Signal Processing System • 3kHz Roofing Filter for enhanced performance • 3.5 Inch Full Color TFT USB Capable • Internal Automatic Antenna Tuner • High Accuracy TCXO



## FT-5DR C4FM/FM 144/430 MHz Dual Band

- High-Res Full-Color Touch Screen TFT LCD Display • Easy Hands-Free Operation w/Built-In Bluetooth® Unit • Built-In High Precision GPS Antenna • 1200/9600bps APRS Data Communications • Supports Simultaneous C4FM Digital • Micro SD Card Slot



## FTDX101D | HF + 6M Transceiver

- Narrow Band SDR & Direct Sampling SDR • Crystal Roofing Filters Phenomenal Multi-Signal Receiving Characteristics • Unparalleled -70dB Maximum Attenuation VC-Tune • 15 Separate (HAM 10 + GEN 5) Powerful Band Pass Filters • New Generation Scope Displays 3-Dimensional Spectrum Stream



## FT-2980R | Heavy-Duty 80W 2M FM Transceiver

- 80 watts of RF power • Large 6 digit backlit LCD display for excellent visibility • 200 memory channels for serious users



## FT-65R | 144/430 MHz Transceiver

Compact Commercial Grade Rugged Design • Large Front Speaker Delivers 1W of Powerful Clear Audio • 5 Watts of Reliable RF Power Within a compact Body • 3.5-Hour Rapid Charger Included • Large White LED Flashlight, Alarm and Quick Home Channel Access



## FTM-200DR | C4FM/FM 144/430MHz Dual Band

- 1200/9600bps APRS® Data Communications • 2" High-Res Full-Color TFT Display • High-Speed Band Scope • Advanced C4FM Digital Mode • Voice Recording Function for TX/RX



## FTM-6000R | 50W VHF/UHF Mobile Transceiver

- All New User Operating Interface-E20-III (Easy to Operate-III) • Robust Speaker Delivers 3W of Clear, Crisp Receive Audio • Detachable Front Panel Can Be Mounted in Multiple Positions • Supports Optional Bluetooth® Wireless Operation Using the SSM-BT10 or a Commercially Available Bluetooth® Headset

**5 Ways to Shop!**

• RETAIL LOCATIONS – Store hours 10:00AM - 5:30PM - Closed Sunday

• PHONE – Toll-free phone hours 9:30AM - 5:30PM

• ONLINE – [WWW.HAMRADIO.COM](http://WWW.HAMRADIO.COM)

• FAX – All store locations

• MAIL – All store locations

**YAESU**  
The radio

ANAHEIM, CA  
(800) 854-6046

PORTLAND, OR  
(800) 765-4267

PHOENIX, AZ  
(800) 559-7388

MILWAUKEE, WI  
(800) 558-0411

WOODBIDGE, VA  
(800) 444-4799

WINTER SPRINGS, FL  
(800) 327-1917

SACRAMENTO, CA  
(877) 892-1745

DENVER, CO  
(800) 444-9476

PLANO, TX  
(877) 455-8750

NEW CASTLE, DE  
(800) 644-4476

SALEM, NH  
(800) 444-0047

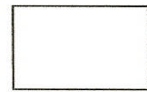
ATLANTA, GA  
(800) 444-7927

\*On most orders over \$100 in the continental US. (Rural locations excluded.) Contact HRO for promotion details. Toll-free including Hawaii, Alaska and Canada. All HRO 800-lines can assist you. If the first line you call is busy, you may call another. Prices, specifications and descriptions subject to change without notice.





**The Carrier**  
Newsletter of the Mt. Diablo Amateur Radio Club  
P.O. Box 23222  
Pleasant Hill, CA 94523  
[www.mdarc.org](http://www.mdarc.org)



## FIRST CLASS

**SEE PAGE 7**

<https://www.facebook.com/mdarc.org>

<https://www.linkedin.com/companies/mdarc>

### W6CX Nets

*M-F 5:42 am Morning Muster 147.060+ 224.780- 441.325+*

*M-F 6:10am Commuter Net 147.060+ 224.780- 441.325+*

*Monday 8:00 pm SATERN Net 147.060+*

*Tuesday 7:30 pm Fat City 10 meter USB/CW Net 28.420 MHz*

*Tuesday 8:00pm Digital Practice Net 147.060+ 224.78- 441.325+*

*Wednesday 6:00pm American Legion Veteran's Net 147.060+*

*Wednesday 7:00 pm SKYWARN Net 147.060+*

*Wednesday 8:00pm Delta Amateur Radio Club Net 147.060+*

*Thursday 7:30 pm MDARC Club Net 147.060+*

*Thursday 8:00 pm Digital Amateur Television Net 147.060+*

### Club Voice Repeaters

147.060 MHz + / PL 100Hz

224.780 MHz - / PL 77Hz 441.325 MHz + / PL 100Hz

EchoLink: W6CX-R /133896, IRLP: 3057

DMR Repeater 144.925 offset plus 2.5 MHz color code 1

**D-STAR** 145.000 offset plus 2.5 MHz

<https://w6cx.dstargateway.org/>

**DATV Internet Stream:** <http://w6cxatv.mdarc.org>

**YouTube Channel:** [Media MDARC](#)

### Contra Costa County Emergency Communications Nets Every Thursday

*6:30 pm HF Countywide 3.893 MHz LSB*

*6:45 pm West County 145.110-- (82.5 PL)*

*7:00 pm Central County 145.680 Simplex*

*7:00 pm East County 146.535 Simplex*

*7:00 pm South County 147.480 Simplex*

*7:20 pm Countywide 145.490-- (107.2 PL)*

*or 147.735-- (107.2 PL)*

*or 145.410-- (107.2 PL)*

### Concord Auxiliary Radio Emergency Service (CARES)

*Wednesday 8:00pm 147.405 Simplex*

### Digital Amateur Television Repeater

Digital ATV Output: 1244.500

Digital ATV Inputs: 1292.500, 1273.0, 917.0, 430.0

Analog ATV Input: 1270.000 FM (PL 192.8)

## February and March 2025 Club Calendar

Friday February 21, 2025	7:00pm	MDARC General Meeting - Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette
Saturday March 1, 2025	8:00am	MDARC Technical Committee Meeting - VIA VIDEO CONFERENCE
Monday March 3, 2025	6:30pm	MDARC Board of Directors Meeting - VIA VIDEO CONFERENCE
Friday March 21, 2025	7:00pm	MDARC General Meeting - Our Saviors Lutheran Church, 1035 Carol Lane, Lafayette